

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
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EFS ID: 14044  
Application ID: 09683893  
Title of Invention: METHOD AND APPARATUS FOR  
SPECTRAL STRAIN RATE  
VISUALIZATION  
First Named Inventor: Andreas Heimdal  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-02-28  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 121722  
Digital Certificate Holder: cn=George F. Wheeler, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: z/qhSkHeWaZF5h470P3Jow==  
  
Total Fees Authorized: \$978.0  
  
Payment Category: DA - Deposit Account  
Deposit Account Number: 130017  
Deposit Account Name: Dean D. Small

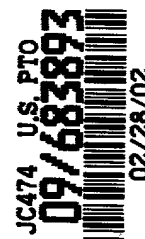
# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:



121722

## METHOD AND APPARATUS FOR SPECTRAL STRAIN RATE VISUALIZATION

First Named Inventor: Andreas Heimdahl

### SUBMITTED BY

Name:	Dean D. Small Esq.
Registration Number:	34,730
Electronic Signature Mark: /dds	Date Signed: 20020228

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	CDPA01.tif
declaration	CDPA02.tif
declaration	CDPA03.tif

declaration	CDPA04.tif
declaration	Cdpa05.tif
declaration	Cdpa06.tif
bibd-transmittal	13516US01apds.xml
fee-transmittal	13516US01fee.xml
specification	Specification.xml
patent-assignments	13516US01asgn.xml

Attached Image File(s):

CDPA01.tif

CDPA02.tif

CDPA03.tif

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**COMBINED DECLARATION AND  
POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**METHOD AND APPARATUS FOR SPECTRAL  
STRAIN RATE VISUALIZATION**

the specification of which:

☒ is attached hereto.

\* was filed on ~ as United States Application Number or PCT International Application Number ~ and was amended on ~.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information which I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below. I have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Is Priority Claimed?</u>
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I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

<u>Application Number</u>	<u>Filing Date</u>
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Serial No.   Filing Date   Patented, Pending, or Abandoned?

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

This declaration names 2 inventor(s) below.



Information about sole or first inventor:

(given name, family name): Andreas Heimdal  
Residence: Etterstadsløtta 53A  
N-0659 Oslo  
Norway  
Citizenship: Norwegian  
Post Office Address: Same

First inventor's signature: Andreas Heimdal

Date Signed: Feb. 20, 2002

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Information about second joint inventor:

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Citizenship: Norwegian  
Post Office Address: Same

Second inventor's signature: \_\_\_\_\_

Date Signed: \_\_\_\_\_

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Information about sole or first inventor:

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Citizenship: Norwegian  
Post Office Address: Same

Second inventor's signature: Hans Torp

Date Signed: 22<sup>nd</sup> February 2002

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 978**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 130017

Deposit Account Name: McAndrews Held & Malloy, Ltd.



Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

## SUBMITTED BY

Authorized Name: Dean D. Small

Electronic Signature Mark: /dds

Date Signed: 20020228

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 31	103	\$ 18	11	\$ 198
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 198

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40